

Frederick M.S.Hulke, L.R.C.P.  
Medical Officer of Health.

20, Sondes Road,

Deal.

To

His Worship the Mayor, Aldermen & Councillors  
of the Borough of Deal, being the  
Urban District Council of the said Borough.

Gentlemen,

In submitting my Annual Report for the year 1923, I beg to  
state it is drawn up according to the instructions of the Ministry  
of Health.

#### GENERAL STATISTICS

Area of the Borough 1124 acres.  
Population 12250, showing an increase of 20  
over 1922.

The rateable value is £55670.

The sum represented by a penny rate is £200.

#### EXTRACT FROM VITAL STATISTICS

	Total	Males	Females
<u>Births</u>	205	123	82
Legitimate			
Illegitimate	12	6	6

Giving a total birth of 217, a reduction of 10 below 1922, which is  
a rate of 17.7 per thousand for the year.

Deaths total 144, a drop of 27 under last year.

This gives a rate of 10.9 per thousand, against 13.9 for 1922.

One woman died in consequence of childbirth. No woman died  
from sepsis.

Deaths of infants under one year:- 53.5 per thousand legitimate  
83.3 " " illegitimate  
Total - 50.7 per thousand.

Deaths from measles	all ages	nil.
" " whooping cough	"	one.
" " diarrhoea, under 2 years		one.

The chief causes of death during the year were Malignant Disease  
and Heart Disease.

NOTIFIABLE DISEASES

Scarlet Fever	1 case
Diphtheria	3 "
Puerperal Fever	1 "
Erysipelas	6 "
Chickenpox	5 "

TUBERCULOSIS

29 new cases were notified during the year.

NEW CASESDEATHS

Age Group.	Pulmonary		Non Pulmonary		Pulmonary		Non Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	-	-	-	-	-	-	-	-
1			2					
5	2		1			1	1	
10	1	2	2					
15	3	2	1			1		
20	2				1			
25	1	3	1	2		4		
35		1	2					
45		1					1	
65								
65 upward					1			
Total	9	9	9	2	2	6	2	

Only two cases of Tuberculosis which have died had not previously been notified Giving a ratio of 1 in 5.

There is no evidence of excessive incidence of or mortality from tuberculosis in any particular occupation.

No cases of ophthalmia neonatorum were notified during the year.

There has been no cause of sickness during the year calling for special notice.

PROFESSIONAL NURSING IN THE HOME

(a) General. Two District Nurses are supplied for the district paid partly by voluntary subscription and partly by fees paid by the patients themselves, when able to afford it.

(b) For infectious diseases no special arrangements are made.

MIDWIVES

There are four midwives practising in the Borough. They are not employed by or subsidized by the Local Health Authority.

CLINICS & TREATMENT CENTRES

There is a baby welfare centre at Sondes Road under the County Council. It is open one day a week. I attach the Report of Nurse Smithson showing the work done.

A Tuberculosis Dispensary, situated at 10, Clanwilliam Road, which is open on Tuesday mornings.

There are no Day Nursery or Venereal Clinic.

There is a school clinic held at St. George's Hall, Park Street, for treatment of school children.

HOSPITALS

No hospital accommodation is provided by the Local Authority for the treatment of ~~general~~ Maternity, Tuberculosis or Children.

An Isolation Hospital is provided by the Local Authority for the treatment of infectious diseases, excepting smallpox. The hospital is jointly managed by the Walmer District Council. It consists of two separate buildings with accommodation for 18 and 4 respectively, with the usual offices. It is situated off the Waterworks Road on the outskirts of the Borough.

Arrangements have been made with the Eastry District Council for the removal of smallpox cases to Hamel Hospital.

The Victoria Hospital, situated in the Wellington Road, consists of 18 beds and 2 cots, for general medical and surgical cases. It is not supported by the Council.

No institutional provision is made for unmarried mothers, illegitimate or homeless children in the district.

Ambulance facilities

A horse ambulance is provided by the Council for the removal of all infectious cases to hospital.

For accidents - Two two-wheeled hand ambulances are available.

LABORATORY WORK

Pathological and bacteriological work is carried out by the County Medical Office of Health at Maidstone.

Diphtheria antitoxin and other sera are not provided by the Local Authority.

SANITARY ADMINISTRATION

The following Adoptive Acts & Byelaws are in force in the Borough:-

Public Health Act 1907 - in part.

Byelaws as to	Slaughter Houses	Jan.22, 1920.
"	" Bakehouses	1875
"	" Promenade & Seashore	20th June, 1909
"	" Nuisances, Common Lodging Houses,	
"	" New Streets & Buildings, Hackney Carriages,	
"	" Asses standing for Hire, Pleasure Boats	
"	" & Vessels - 1893.	
"	" Waste, misuse, undue consumption of Water	-Aug.1

No closets have been converted from the Conservancy System during the year.

The Cowsheds, Bakehouses & Slaughter houses have been regularly inspected. There are 9 registered slaughter houses in the Borough. The milk shops and dairies were inspected, and in one case a defect was found and remedied.

All action is taken under the Sale of Food & Drugs Act by the County police.

I attach the Report received from the County police of samples of food taken in the Borough during the year.

No action has been taken with regard to Dairies, Cowsheds or Milk shops.

All disinfection is carried out by the Council, Buildings being subjected to Sulphur and Formaline fumigation, Clothing & Bedding by steam disinfection. All premises and clothing of people suffering from infectious diseases are dealt with as a routine, other cases as necessity arises.

PUBLIC HEALTH STAFF

Medical Officer of Health - part time office, Salary contributed to under Public Health Act.

Sanitary Inspector - part time office. Holds certificate of Royal Sanitary Institute.

There are no Health Visitors appointed by the Council.

HOUSING

14 new houses have been built during the year by private enterprise.  
None by the Local Authority.

A. Dwelling Houses

- (1) 139 inspected for defects under Public Health or Housing Act.
- (2) 65 houses were inspected and recorded under Housing Regulations 1910.
- (3) No houses were found unfit for human habitation.
- (4) No houses were found not to be in all respects fit for human habitation.

B. 12 Houses were rendered fit in consequence of informal action by the Local Authority.

C. Action under Statutory Powers

- (1) Under Sect. 28 of Housing Act 1919.
  - 6 Houses served with notices requiring repairs.
  - 6 Houses were rendered fit by the owners.

No closing orders became operative in pursuance of declaration by owners of intention to close.

(2) Proceedings under Public Health Act.

8 Dwelling houses required notices to be served requiring defects to be remedied. These were all remedied by the owners.

(3) No actions were taken under Section 17 & 18 of the Housing, Town Planning Act, 1909.

Attached will be found the detailed Report of the Borough Engineer and Sanitary Inspector. Also reports on 2 specimens of water collected during the year - both of which show the water to be of a high degree of chemical and bacteriological purity.

In concluding my report I wish to thank the Town Clerk and Borough Surveyor for their kind assistance.

I have the honour to be,

Your obedient servant,

(Signed)

F. M. S. HULKE.

Borough Engineer & Surveyor's Office  
18, Queen Street,  
Deal.

24th March, 1924.

Dear Sir,

As requested I have pleasure in giving you the following particulars with reference to the Sanitary Inspections, etc. for the year ending 31st December, 1923.

The number of inspections of dwelling houses, etc. during the year was 293, and not any of these were considered as unfit for human habitation.

The following particulars schedule the defects dealt with:-

Overcrowding	0
Imperfect drinking water supply	0
Defective water closets	8
Defective drainage	7
Defective roofs & dampness	12
Premises in dirty condition	4
Defective floors	4
Miscellaneous defects not dealt with above	28

In addition to the above many inspections were made and defects dealt with where found.

The Cowsheds on the Register number five, and these were found satisfactory.

There are 13 Milkshops & Dairies which were regularly inspected, and in one case a defect was found and remedied.

The ten Slaughter houses were regularly inspected, and these were found to be in a satisfactory condition.

There are 16 Factories, including Laundries, 11 Workshops, including Dressmakers' premises, and 14 bakehouses, and in four cases defects were found and remedied.

The addresses of 69 Outworkers' premises were received, these were all found clean, and only one defect was found, this was remedied without any notice being served.

The two Common Lodging Houses were also regularly inspected and were found clean and satisfactory.

# NOTIFIABLE DISEASES

41 cases were notified as follows:-

Scarlet Fever	1
Pulmonary Tuberculosis	17
Other forms	11
Erysipelas	3
Puerperal Fever	1
Chicken Pox	5
Diphtheria	3
	<hr/>
	41
	<hr/>

I am,

Yours faithfully,

(Signed)

T. C. GOLDER.

Borough Engineer & Sanitary Inspector.

Dr. F.M.S.Hulke,  
Deal.

KENT COUNTY COUNCIL  
DEPARTMENT OF COUNTY MEDICAL OFFICER OF HEALTH

---

10 - 3 - 1924.

FROM Nurse Smithson

TO Dr. F. Hulke

DEAL REPORT of District Visiting and Infant Centres 1923.

---

The following are the figures for the year 1923:-

Deal District Visits	To new cases	221	
	To subsequent	1486	Total 1707.

Infant Centre	Attendances	First	100	
		Subsequent	2615	Total 2715.

Yours faithfully,  
(Signed) A. E. SMITHSON.

The Clinical Research Association, Ltd  
Watergate House, York Buildings  
Adelphi, London. W.C.2  
25. 6. 23.

T. C. Golder, Esq.,  
Deal.

The sample of water marked "Town Supply" collected on and received here on 19.6.23 has been examined, and I have been instructed to forward the following report thereon:-

	<u>REMARKS</u>	Parts per 100,000.	Grains per gallon
(1)	Chemical		
	Total solids	34.70	24.29
	Combined chlorine	2.70	1.89
	equivalent to Na Cl	4.50	3.12
	Nitric nitrogen	0.86	0.60
	Nitrous nitrogen	nil	nil
	Ammoniacal nitrogen	nil	nil
	Albumenoid nitrogen	0.0010	0.0007
	Oxygen absorbed in 4 hours at 27°C	0.011	0.008
	Lead or Copper	nil	nil
	Temporary hardness (equivalent to CaCo3)	21.0	14.7
	Permanent hardness	4.2	3.0
	Total Hardness	25.2	17.7
(2)	Bacteriological (cultural & microscopical).		
	Average number of organisms producing visible colonies on gelatin plates, incubated at 22°C. for 3 days -		26 per c.c.
	Average number of organisms producing visible colonies on agar plates, incubated at 37°C. for 2 days -		1 per C.c.
	B. Coli	not found in 100 c.c.	
	Streptococci	not found in 30 c.c.	
	B. Enteriditis Sporogenes	not found in 100 c.c.	

REMARKS

The results obtained show that this water is of a high degree of chemical & bacterial purity.

(Signed)

W. T. CURRY.

Secretary.

The Clinical Research Association, Ltd.,  
Watergate House, York Buildings,  
Adelphi, London. W.c.

T. C. Golder, Esq.,  
D e a l.

15. 1. 24.

The sample of water marked "Stand Pipe, Alfred Square" Deal, collected on 9. 1. 24 and received here on 9. 1. 24 has been examined, and I have been instructed to forward the following report thereon:-

RESULTS

(1) Chemical.	Parts per 100,000	Grains per gallon
Total solids (dried at 120°C.)	34.30	24.01
Combined Chlorine	2.70	1.89
equivalent to Na Cl	4.46	3.12
Nitric nitrogen	0.82	0.57
Nitrous nitrogen	nil	nil
Ammoniacal nitrogen	0.0003	0.0002
Albumenoid nitrogen	0.0015	0.0011
Oxygen absorbed in 4 hours at 27°C	0.011	0.008
Lead or Copper	nil	nil
Temporary hardness (equivalent to CaCo <sub>3</sub> )	21.2	14.9
Permanent Hardness	4.5	3.1
Total Hardness	25.7	18.0

(2) Bacteriological (cultural & microscopical).

Average number of organisms producing visible colonies on gelatine plates, incubated at 20-22°C for 3 days -

1108 per c.c.

Average number of organisms producing visible colonies on agar plates, incubated at 37.5°C. for 2 days -

12 per c.c.

B. Coli

not found in 100 c.c.

Streptococci

" " " 30 c.c.

B. Enteriditis Sporogenes

" " " 100 c.c.

REMARKS

Judged on both the Chemical and Bacteriological results this water may be regarded as of very good quality, no evidence of the presence of excremental organisms being obtained.

(Signed)

W. J. CURRY

Secretary.

KENT COUNTY CONSTABULARY

Police Office, Sandwich.

Dr. F. M. S. Hulke,

15th January, 1924.

Deal.

Dear Sir,

FOOD & DRUGS.

I beg to inform you that the undermentioned samples were taken in the Borough of Deal during the year 1923:-

New Milks	7.	Plum Jam	1.
Tapioca	2.	Cocoa	1.
Coffee	2.	Gin	2.
Loose Mustard	1.	S. Whisky	2.
Butter	2.	Brandy	2.
Lard	1.	Bitter Beer (informal)	1.

TOTAL .....24.

With but the below exception all proved genuine.

New Milk:- Deficient in Milk Fat 18.3% )  
Sample taken 23rd May, 1923.)

Frances M. Foad,  
27, Beach Street,  
Deal.

Case dismissed at Deal  
Police Court on the 12th  
July, 1923.

Yours faithfully,

(Signed)

W. J. BARTON.

Superintendent.

Police Office, New York.

1st January, 1924.

Dr. W. M. S. Miller.

Dear Sir,

FOOD & DRINK.

I beg to inform you that the undermentioned samples were taken in the Borough of Deal during the year 1923:-

1.	Plum Jar	7.	New Milk
1.	Cocoa	2.	Tea
2.	Gin	3.	Coffee
3.	S. Whisky	1.	Loose Mustard
2.	Brandy	2.	Butter
1.	Bitter Beer (Informal)	1.	Salt

TOTAL ..... 22.

With the above exception all proved genuine.

New Milk:- Deficient in Milk Fat 18.75% (Sample taken 23rd May, 1923.)  
Frances M. Road,  
27, Beach Street,  
Deal.

Case dismissed at Deal Police Court on the 17th July, 1923.

Yours faithfully,

W. J. BARTON.

(Signed)

Superintendent.